

FLB141 LED Surface mounted - Symmetric



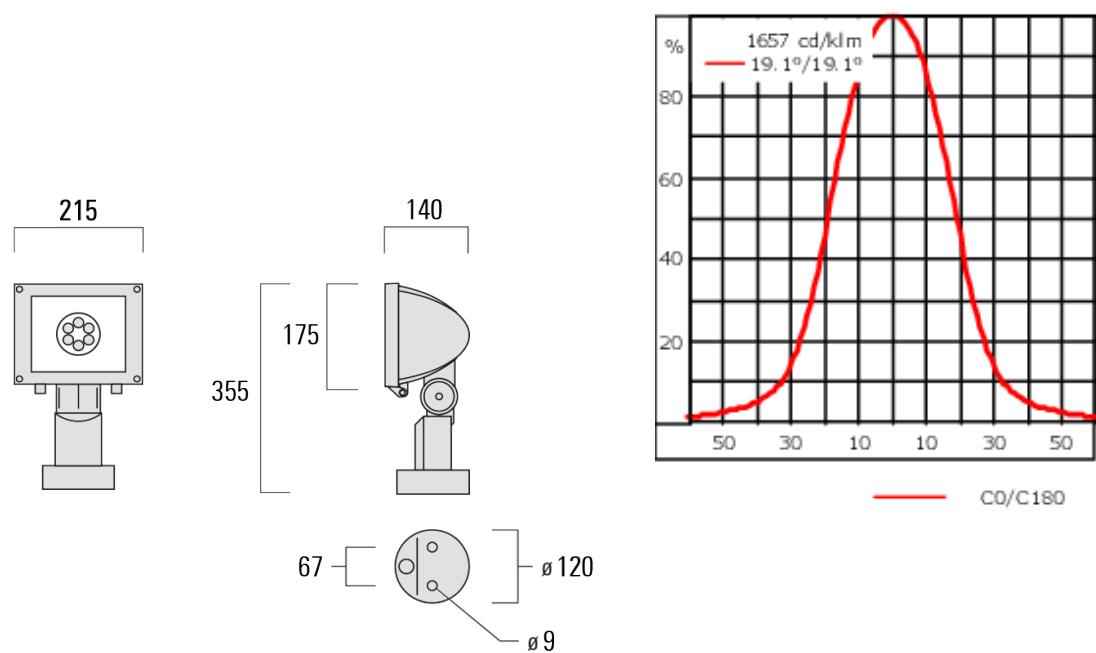
Description

IP66, Class I. IK08. Marine-grade, die-cast aluminium alloy. 5CE superior corrosion protection including PCS hardware. Safety glass lens, hinged. Silicone CCG® Controlled Compression Gasket. Luminaire is factory-sealed and does not need to be opened during installation.

Integral EC electronic converter. Advanced thermal management protects LEDs while optimising lumens output. CAD-optimised optics for superior illumination and glare control. OLC® One LED Concept.

Weight	3.8 kg
Light distribution	symmetric, medium beam [M]
Light source	LED-6/18W / 1050 mA - 4000 K
CRI	80
Power supply	EC
LEDs	6
Rated input power	21 W
Nominal Lumen (lm)	
LED Lumen	450
Total Lumen	2700
Tj	85
Rated lumens (lm)	
LED Lumen	378
Total Lumen	2268
Ta	25

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Specifications

Material description

Body	Marine-grade, die-cast aluminium alloy
Lens	Safety glass
Colours	RAL9004 Signal black RAL9007 Grey aluminium RAL7016 Anthracite grey RAL9016 Traffic white
Gasket	Silicone CCG® Controlled Compression Gasket
Fasteners	PCS hardware
Ingress protection	IP66
Impact resistance	IK08
Corrosion resistance	5CE

Electrical description

Driver / Ballast	Integral EC electronic converter in thermally-separated compartment
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Additional information

Optical Accessories

Wire guard

Description	Part ID	C1	H1
Wire guard EG	161-9118	181	153



Barn doors

Description	Part ID	A	H1
Barn doors ED	161-9119	245	132



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Glare shield

Description	Part ID	A	H1
Glare shield ES	161-9121	165	132



Snoot

Description	Part ID	A	H1
Snoot ET	161-9122	135	155



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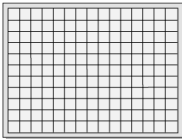
Honeycomb louvre

Description	Part ID	C1
Honeycomb louvre IW	146-0625	110



Flood lens

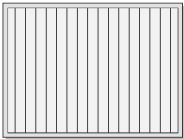
Description	Part ID	Additional information
Flood lens IO-360	161-5990	Broadens light distribution in all planes. 'Softens' fringe of beam. Suitable for luminaires with [M] and [EE] distributions. Internal component; factory installed.



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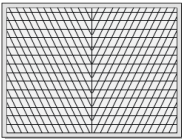
Linear spread lens

Description	Part ID	Additional information
Linear spread lens IO-180	161-5989	Broadens light distribution in one plane only. Suitable for luminaires with [M] and [EE] distributions. Internal component; factory installed.



Wallwash lens

Description	Part ID
Wallwash lens IO-20	161-5988



Control

1-10 V analogue dimming interface

Description	Part ID	C
1-10 V analogue dimming interface	430-0011	90

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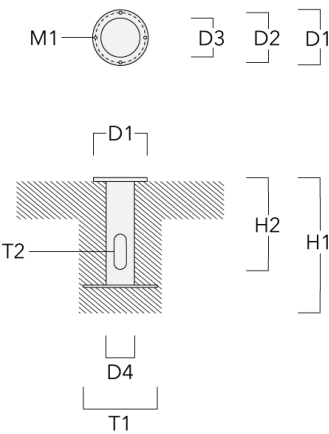
DALI interface

Description	Part ID	Additional information	C
DALI interface	430-0013	DALI variant. The luminaire is equipped with a DT6 Dali driver (Dali 2.0). Dali 2.0 -Application controllers and Input devices defined -Single-masters and multi-masters allowed -Event priorities defined -Separate addressing & grouping from control gear Note: Mixing Dali 1 and Dali 2.0 drivers can cause problems because the addressing and the command scope has changed!	90

Mounting Accessories

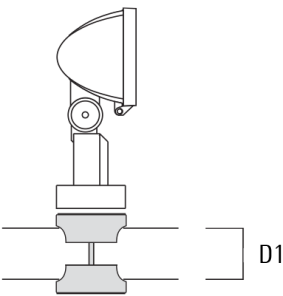
Planted root

Description	Part ID	D1	D2	D3	D4	H1	H2	M1	T1	T2	Weight (kg)
Planted root ESV4	300-0461-AP	150	130	60	89	400	350	8	200	50 x 100	3.85



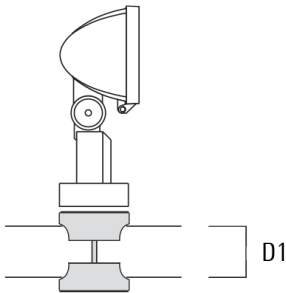
Pole clamp

Description	Part ID	D1	Weight (kg)	D
Pole clamp SP1-2/M8, single (Ø 38-60)	146-0245	38-60	1.10	38-66

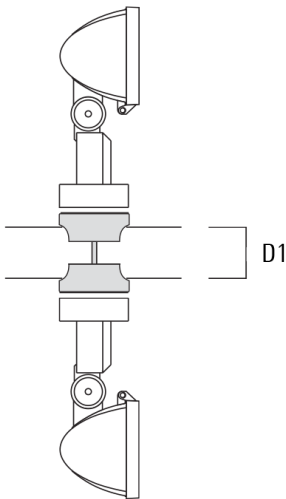


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Description	Part ID	D1	Weight (kg)	D
Pole clamp SP1-2/M8, single (Ø 76-89)	146-0246	76-89	1.10	76-89

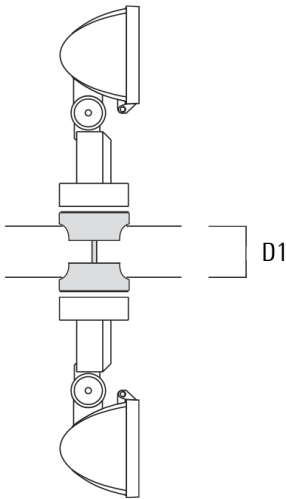


Pole clamp SP2-2/M8, double (Ø 38-60)	146-0247	38-60	1	38-66
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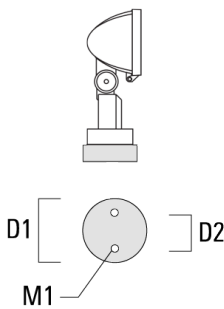
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Description	Part ID	D1	Weight (kg)	D
Pole clamp SP2-2/M8, double (Ø 76-89)	146-0248	76-89	1.20	76-89



Junction box

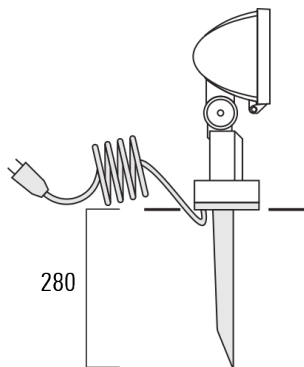
Description	Part ID	D1	D2	M1	Weight (kg)
Junction box JB1	310-9000	135	67	9	1.6



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Ground spike

Description	Part ID	Weight (kg)
Ground spike EF1-2/M8 for FLB141	146-0251	0.40



Short post

Description	Part ID	Weight (kg)
Short post EM1-2/M8 for FLB141	146-0253	1.70

